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ELECTRICAL ENGINEERING

IN TWO SECTIONS—SECTION 2 OF THE JANUARY 1948 ISSUE

Annual Index

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This pamphlet contains complete multientry indexes covering the contents of *ELECTRICAL ENGINEERING* for the calendar year 1947. This includes a listing of all 1947 AIEE technical program papers as published in *ELECTRICAL ENGINEERING* at least in abstract form, excepting only the few abstracts published in the December 1946 issue of *ELECTRICAL ENGINEERING*.

As a necessary expedient, to enable the issuance of this index with the January 1948 issue of *ELECTRICAL ENGINEERING*, the contents are arranged as follows:

- 1. General Subject Index. Lists all general articles including "Letters to the Editor" and digests (but not abstracts) of technical program papers, arranged alphabetically by multiple subject entries.
- 2. General Author Index. Lists all authors of material covered in the general subject index per item 1 above.
- 3. Technical-Paper Subject Index. Lists the abstracts of technical program papers, arranged alphabetically by multiple subject entries.
- 4. Technical-Paper Author Index. Lists all authors of material covered by item 3 above.
- 5. AIEE News Index. Lists all news items pertaining to Institute Activities.
- **6.** Non-AIEE News Index. Lists all news items "Of Current Interest" not pertaining directly to Institute Activities.
- 7. Biographical Index. Lists all personal and obituary items on AIEE members.

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Clapp, R. H Clark, F. M Cleary, L. H Cline, R. F Cliver, E. K Cofer, J. W		Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A.	†1030 407 709, *1145 1254 151, 1252	Hopkins, R. H Horrigan, W. R Hoseason, D. B Howard, Alan	
Clapp, R. H		Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr.		Hopkins, R. H Horrigan, W. R Hoseason, D. B Howard, Alan Howell, E. H	†1255
Clapp, R. H. Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead		Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A.	†1030 407 709, *1145 1254 1151, 1252 845 407	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu	. †1255 97 614 1251 932 1255 1252 †934
Clapp, R. H		Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr.	†1030 407 709, *1145 1254 1151, 1252 845 407	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L.	
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead Coleman, J. B. Coles, F. A. Collins, William Harry.	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr.	†1030 407 709, *1145 1254 1151, 1252 845 407	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G.	, †1255 .97 .614 .1251 .932 .1255 .1252 .†934 .305
Clapp, R. H Clark, F. M Cleary, L. H Cline, R. F Cliver, E. K. Cofer, J. W Coit, N. H Colby, Safford Kinkead. Coleman, J. B Coles, F. A. Collins, William Harry. Compton, Karl Taylor.		Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E.	†1030 407 709, *1145 1254 1151, 1252 845 407	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G.	, †1255 97 614 1251 932 1255 1252 †934 305 1149 *408, *1148
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac.	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R.	1255 97 614 1251 932 1255 1252 1252 1305 149 *40@, *1148 1507 507
Clapp, R. H Clark, F. M. Cleary, L. H Cline, R. F Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. G Galbraith, R. A.		Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R.	1255 97 614 1251 932 1255 1252 1252 1934 305 1149 *404, *1148 1507 507
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D.	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251 931	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. G Galbraith, R. A. Ganser, H. H.		Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R.	1255 97 614 1251 932 1255 1252 1252 1934 305 1149 *404, *1148 1507 507
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B.	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251 931 406, *932	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. G Galbraith, R. A.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R.	1255 97 614 1251 932 1255 1252 1252 1934 305 1149 *404, *1148 1507 507
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D.	1149 407 96 305 616 846 1193, †1152 †1029 1251 97 †1151 *4002 *404 1255 1251 931 406, *932	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley.		Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R.	1255 97 614 1251 932 1255 1252 1252 1934 305 1149 *404, *1148 1507 507
Clapp, R. H Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F.	1149 407 96 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251 931 406, *932 95 95, 1251	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 193 , 1151 , 845 , 842 , †97 , 506	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F.	1255 97 614 1251 932 1255 1252 1252 1394 305 11149 408, *1148 1507 1150 7710
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker.	114940796305616846193, †1152†1029125197†11514024044044052552251931406, *932959595959595959595959595	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M.	, †1030 , 417 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 193 , 1151 , 845 , 842 , †197 , 506 , 1251	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F.	1255 97 614 1251 932 1255 1252 1252 1394 305 11149 408, *1148 1507 1150 7710
Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W.	1149 407 906 305 616 846 193, †1152 1251 97 †1151 *402 1255 1251 931 406, *932 95, 1251 192, 506 †1152 *1146	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E.		Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F.	1255 97 614 1251 932 1255 1252 1252 1394 305 11149 408, *1148 1507 1150 7710
Clapp, R. H Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker Cramer, Frank W. Crane, L. R.	1149 407 96 305 616 846 193, †1152 1029 1251 97 †1151 *402 *404 1255 1251 931 406, *932 95 1251 192, 506 †1152 *1146	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George.	1030 407 709, *1145 1254 1151, 1252 845 407 97, 1150 193 1151 845 842 197 506 1251 615 1251	Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F.	1255 97 614 1251 932 1255 1252 1252 1394 305 11149 408, *1148 1507 1150 7710
Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W.	1149	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M.		Hopkins, R. H. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F.	1255 97 614 1251 932 1255 1252 1252 1394 305 11149 408, *1148 1507 1150 7710
Clapp, R. H Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane Cromwell, P. C.	1149 407 96 305 616 846 193, †1152 1029 1251 97 †1151 *402 *404 1255 1251 931 406, *932 95 95, 1251 1192, 506 †1152 *1149 846 †334	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E.	1030407709, *114512541151, 125284540797, 1150	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W.	1149	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George Gentzel, P. M. Gerbore, A. E. Germain, Henry A.	1030 407 407 407 1154 1151, 1252 845 407 97, 1150 193 1151 845 842 197 506 1251 615 1251 404 932 5507 †1151	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette. Jackson, W. A.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Crame, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W. Crouse, R. C.	1149 407 906 305 616 846 193, †1152 1251 1251 404 404 1225 1251 1931 406, *932 95, 1251 192, 506 1146 1149 846 4934 710 *843 1251	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R.	1030407709, *114512541151, 125284540797, 1150	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette Jackson, W. A. Joecks, A. K.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crame, L. R. Crary, S. B. Crocker, Theodore Doane Cromwell, P. C. Crooks, J. W. Crouse, R. C. Cummins, Alden C. Curtis, E. C.	1149	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gibson, N. R.	1030 407 407 407 408 1154 1254 1151,1252 845 407 97,1150 193 1151 845 842 497 506 1251 404 932 507 †1151 305 1251 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. Jackson, Jack Emmette. Jackson, W. A. Joecks, A. K. Johnson, B. G.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Crame, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W. Crouse, R. C. Curtis, E. C. Curtis, E. C. Curtis, H. L.	1149 407 906 305 616 846 193,†1152 11029 1251 97 11151 404 2255 1251 931 406,*932 95,1251 112,506 11146 1149 846 1149 846 11251 1251 1251 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 12506 1251 1251 1251 1251 1251 1251 1251 125	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gibson, N. R. Gibson, N. R. Gifford, W. S.		Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette Jackson, W. A. Joecks, A. K. Johnson, B. G. Joliffe, C. B. Jones, B. M.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Crame, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W. Crouse, R. C. Curtis, E. C. Curtis, E. C. Curtis, H. L. Cutting, Fulton. Cutts, Richard, Jr. Czarnecki, Frank Charles.	1149 407 906 305 616 846 193,†1152 1251 97 1151 406 1255 1251 931 406,*932 95, 1251 192,506 1146 1149 846 1149 847 1710 846 1934 7710 1934 96 405 709 1933 1306	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gibson, N. R. Gifford, W. S. Giger, W. A. Girdwood, A. J. Glenn, H. H. Glezen, L. L. Godsey, F. W. Jr. Goldsmith, A. N. Goldsmith, L. M. Goller, J. R. P.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 1151 , 845 , 842 , †97 , 506 , 1251 , 404 , 932 , 507 , †1151 , 305 , 1251 , 95 , 710 , 95 , 710 , 95 , 95 , 95 , 95 , 95 , 95 , 95 , 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseasoon, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. Jackson, Jack Emmette. Jackson, W. A. Joecks, A. K. Johnson, B. G. Joiffe, C. B. Jones, B. M. Jones, Benson McHardy Jones, Reginald Lamont Jones, Thomas D. Johnson, F. E. Juhnke, P. B.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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Clapp, R. H Clark, F. M. Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H., J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W Crouse, R. C. Curtis, H. L. Cutting, Fulton. Cutts, Richard, Jr. Czarnecki, Frank Charles.	1149 407 96 305 616 846 193, †1152 1202 1251 1251 1255 1251 1255 1251 1255 1406, *932 406, *932 407 1116 1149 408 408 1149 408 1149 409 1140 1149 409 1140 1149 1140 1149 1140 1149 1140 1149 1140 1140	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gibson, N. R. Gifford, W. S. Giger, W. A. Girdwood, A. J. Glenn, H. H. Glezen, L. L. Godsey, F. W. Jr. Goldsmith, A. N. Goldsmith, L. M. Golder, J. R. Goodale, Edgar Clement. Goodheart, G. F.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 1151 , 845 , 842 , 197 , 506 , 1251 , 251 , 404 , 932 , 507 , †1151 , 95 , 1251 , 95 , 95 , 93 , 95 , 95 , 95 , 93 , 95 , 95 , 95 , 95 , 95 , 95 , 95 , 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. Jackson, Jack Emmette. Jackson, W. A. Joecks, A. K. Johnson, B. G. Joliffe, C. B. Jones, Benson McHardy Jones, Reginald Lamont Jones, Thomas D. Johnson, F. E. Juhnke, P. B.	\$\\\ \tag{1255}\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Cott, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W. Crouse, R. C. Curtis, H. L. Cutting, Fulton. Cutting, Fulton. Cutting, Fulton. Cutting, Fulton. Cyanraul, E. A. Dannatt, Cecil.	1149	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gifford, W. S. Giger, W. A. Gifford, W. S. Giger, W. A. Gifford, W. S. Giger, W. A. Giffond, H. H. Glezen, L. L. Godsey, F. W. Jr. Goldsmith, A. N. Goldsmith, A. N. Goldsmith, L. M. Goller, J. R. Goodale, Edgar Clement.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 1151 , 845 , 842 , †97 , 506 , 1251 , 404 , 932 , 507 , †1151 , 305 , 1251 , 95 , 710 , 505 , 710 , 95 , 95 , 93 , 93 , 95 , 95 , 95 , 95 , 95 , 95 , 95 , 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseasoon, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu. Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. Jackson, Jack Emmette. Jackson, W. A. Joecks, A. K. Johnson, B. G. Joiffe, C. B. Jones, B. M. Jones, Benson McHardy Jones, Reginald Lamont Jones, Thomas D. Johnson, F. E. Juhnke, P. B.	\$\\\ \tag{1255}\$ \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H Clark, F. M. Clark, F. M. Cleary, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H., J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Cramer, Frank W. Crane, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W Crouse, R. C. Curtis, H. L. Cutting, Fulton. Cutts, Richard, Jr. Czarnecki, Frank Charles.	1149 407 906 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251 1931 406, *932 95, 1251 112, 506 †1146 1149 843 710 *843 1251 †934 710 *843 1251 †934 96 405 709 193 193 †306	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley. Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George. Gentzel, P. M. Gerbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gibson, N. R. Gifford, W. S. Giger, W. A. Girdwood, A. J. Glenn, H. H. Glezen, L. L. Godsey, F. W. Jr. Goldsmith, A. N. Goldsmith, A. N. Goldsmith, L. M. Goller, J. R. P. Goodale, Edgar Clement Goodheart, C. F.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 1151 , 845 , 842 , 197 , 506 , 1251 , 404 , 932 , 507 , †1151 , 305 , 1251 , 404 , 935 , 95 , 710 , 505 , 506 , 932 , 95 , 95 , 95 , 95 , 95 , 95 , 95 , 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseason, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette Jackson, W. A. Joecks, A. K. Johnson, B. G. Joliffe, C. B. Jones, Benson McHardy Jones, Reginald Lamont Jones, Thomas D. Johnson, F. E. Juhnke, P. B. K Kane, John James.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Clapp, R. H. Clark, F. M. Cleark, L. H. Cline, R. F. Cliver, E. K. Cofer, J. W. Coit, N. H. Colby, Safford Kinkead. Coleman, J. B. Coles, F. A. Collins, William Harry. Compton, Karl Taylor. Cone, Donald Isaac. Conn, G. E., Jr. Cook, J. W. Coolidge, W. D. Cooper, A. B. Corthuys, H. J. Corthuys, H. J. Cory, M. M. Cotter, W. F. Cowles, Joseph Walker. Crame, L. R. Crary, S. B. Crocker, Theodore Doane. Cromwell, P. C. Crooks, J. W. Crouse, R. C. Curtis, E. C. Curtis, H. L. Cutting, Fulton. Cutts, Richard, Jr. Czarnecki, Frank Charles. D Dalzell, C. W. Damrau, E. A. Dannatt, Cecil. Danser, J. W.	1149 407 906 305 616 846 193, †1152 †1029 1251 97 †1151 *402 *404 1255 1251 1931 406, *932 95, 1251 112, 506 †1146 1149 843 710 *843 1251 †934 710 *843 1251 †934 96 405 709 193 193 †306	Forster, Frank T. Fountain, J. B. Frampton, A. H. Frantz, J. D. Frey, H. A. Fries, Peter Jr. Fulk, C. M. Funk, N. E. Galbraith, R. A. Ganser, H. H. Ganssle, K. A. Ganz, A. G. Garfield, Alexander Stanley Garrard, C. C. Gates, R. M. Gates, S. E. Geary, W. J. D. Geiger, Donald George Gentzel, P. M. Getbore, A. E. Germain, Henry A. Getz, J. F. Giantvalley, J. R. Gifford, W. S. Giger, W. A. Giffwood, A. J. Glenn, H. H. Glezen, L. L. Godsey, F. W. Jr. Goldsmith, A. N. Goldsmith, A. N. Goldsmith, L. M. Goller, J. R. Goodheart, C. F. Goodheart, C. F. Goodheart, C. F.	, †1030 , 407 , 709, *1145 , 1254 , 1151, 1252 , 845 , 407 , 97, 1150 , 1151 , 845 , 842 , 197 , 506 , 1251 , 404 , 932 , 507 , †1151 , 305 , 1251 , 404 , 935 , 95 , 710 , 505 , 506 , 932 , 95 , 95 , 95 , 95 , 95 , 95 , 95 , 95	Hopkins, R. H. Horrigan, W. R. Horrigan, W. R. Hoseasoon, D. B. Howard, Alan Howell, E. H. Hoyt, R. S. Huang, Theodore Siu Hubbard, E. L. Hughes, J. G. Hull, Blake D. Hull, Paul B. Huntley, H. R. Hutton, L. B. Hynes, W. F. I Ireland, Glen. Ives, H. E. J Jackson, Jack Emmette. Jackson, W. A. Joecks, A. K. Johnson, B. G. Joiffe, C. B. Jones, Benson McHardy Jones, Reginald Lamont Jones, Thomas D. Johnson, F. E. Juhnke, P. B. K Kane, John James Keath, Howard Bascomb.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

Keever, L. M	616	Mellon, J. J	*505	R	
Kelley C. B	844	Merker, H. M			
Kelly William	96, 303, 405	Messinger, L. E	845	Rader, L. T	
Kelsall, G. A	616	Metcalf, E. C.		Rae, G. G	
Kendall, B. W		Meyerherm, Charles Frederick		Rappel, H. T	1150
Kendall, E. H	615	Meyers, N. H	*946	Rathbun, H. V	
Kendall, P. R	*11.45	Miller, C. E	932	Ratliff, K. J	846
Kennedy, Luke Francis	303	Miller, J. H	406	Rau, Otto Martin	
Kerr, D. S Kerr, W. H	96	Milliken, A. W	1251	Read, G. J	
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Kinnard, I. F		Miner, D. F		Reich, H. J.	
Kipp, E. B		Mini, Joseph, Jr		Reid, William Marshall	+712
Klauber, L. M	407	Mixer, Charles Adam		Reinhardt, Harris	*1147
Klinck, R. W	933	Mitchell, W. E		Remine, H. H	846
Knapp, G. W	103	Monteith, Alexander Crawford		Rentschler, H. C	
Knight, F. D		Montgomery, G. D	1252	Rice, Edward Young	
Knopp, Otto Albrecht	+408	Montsinger, V. M	*1253	Richards, Samuel Hope	+617
Kochendoerffer, W. C		Moore, E. R	95, 1251	Richey, Robert Rusaw	615
Kofoid, M. K		Morehouse, Lyman Foote	†711	Richmond, H. B	845
Koiner, Cyrus Wellington		Morgan, J. S		Roach, T. E	
Kraybill, E. K		Morice, John Henry		Robertson, A. D	
Kyle, W. D. Jr	1149	Morse, John	9/	Robertson, Elgin Barnett	
		Morton, G. V., Jr	305	Robertson, L. M	
Ψ.		Morton, W. B Moulton, J. S		Robinson, J. V	1252
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LaBelle, E. P		Mullen, C. A	95	Rodman, Walter Sheldon	1150
Lang, J. O Langstaff, H. A. P		Mullen, James J	†1029	Rogers, H. W	
Langstan, H. A. P LaPierre, C. W		Munro, James Calder	†1152	Romnes, H. I	
Larson, R. W		Murmann, Frederick Jacob		Rosenbach, Samuel	615
Latham, J. W	*505	Murphy, F. H		Rosenberg, S. L	
Lawrence, R. F	*842	Murray, J. S		Ross, P. M	*505
Leatham, C. H				Ross, W. E	
LeClair, Titus George		\mathbf{N}		Roth, H. H	
Leconte, R. A				Roys, C. S	
Leeds, M. E.		Nash, Luther Robert		Rudd, F. J.	
LeFever, O. L		Nelson, C. C		Ruggieri, M. L	
Leitch, John Davie		Nelson, C. H		Rusch, H. L	
LeMieux, B. G		Nodder, W. R.		Russell, Chester Jr	
Le Vesconte, L. B		Norris, E. D. T.		Russell, H. W	
Le Vino, R. B		Nyquist, Harry		Ryan, E. C.	
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Lewis, F. A		O			
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Lindell, S. I	*616	Oakes C. E.			
Lindfors, Onni	*616 932	Oakes, C. E O'Brien, E. W		S	
Lindell, S. I Lindfors, Onni Lingal, Harry John	*616 932 *1145	O'Brien, E. W	506		+194
Lindfors, Onni	*616 932 *1145 614	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen	506 710 616	Sachs, Joseph	
Lindell, S. I Lindfors, Onni Lingal, Harry John Linville, T. M	*616 932 *1145 614 503	O'Brien, E. W O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R	506 710 616 844	Sachs, Joseph St. Clair, W. K	1149
Lindell, S. I. Lindfors, Onni. Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P.	*616 932 *1145 614 503 †408	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen Osborne, H. R Osborne, H. S	506 710 616 844 1251	Sachs, Joseph	
Lindell, S. I	*616 932 *1145 614 503 †408 1150	O'Brien, E. W O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R	506 710 616 844 1251	Sachs, Joseph St. Clair, W. K. Sammis, A. H Samuels, M. M. Sanford, F. E.	
Lindell, S. I Lindfors, Onni Lingal, Harry John. Linville, T. M Lisberger, S. J Little, John James. Liversidge, H. P Logan, H. L Long, M. B	*616 932 *1145 614 .503 †408 .1150 *504 .845	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen Osborne, H. R Osborne, H. S	506 710 616 844 1251	Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van	
Lindell, S. I. Lindfors, Onni Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A.	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen Osborne, H. R Osborne, H. S	506 710 616 844 1251	Sachs, Joseph St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van Sanial, A. J.	
Lindell, S. I Lindfors, Onni Lingal, Harry John. Linville, T. M Lisberger, S. J Little, John James Liversidge, H. P Logan, H. L Long, M. B	*616 932 *1145 	O'Brien, E. W O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R Osborne, H. S O'Sullivan, Frederick A	506 710 616 844 1251	Sachs, Joseph St. Clair, W. K Sammis, A. H Samuels, M. M Sanford, F. E Sanford, Russell Van Sanial, A. J Sappington, Richard Dorsey	
Lindell, S. I. Lindell, S. I. Lindfors, Onni Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen Osborne, H. R Osborne, H. S O'Sullivan, Frederick A P		Sachs, Joseph St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van Sanial, A. J.	
Lindell, S. I. Lindfors, Onni. Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E.	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. P Pacent, L. G. Paisley, P. P.		Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van. Sanial, A. J. Sappington, Richard Dorsey. Sargent, H. B. Sarnoff, David. Sawyer, R. T.	
Lindell, S. I. Lindell, S. I. Lindfors, Onni Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709	O'Brien, E. W O'Conor, D. J., Jr O'Neill, Owen Osborne, H. R Osborne, H. S O'Sullivan, Frederick A P Pacent, L. G Paisley, P. P Parker, R. D	506 710 616 844 1251 +847 305 -614 406	Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van. Sanial, A. J. Sappington, Richard Dorsey. Sargent, H. B. Sarnoff, David. Sawyer, R. T. Scanlon, J. Leo.	1149 933 *192 932 †618 846 †1152 97 854, 1149 *503 †408
Lindell, S. I. Lindfors, Onni Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew Lyons, L. M.	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. P Pacent, L. G. Paisley, P. P. Parker, R. D. Parrott, J. A.		Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van Sanial, A. J. Sappington, Richard Dorsey. Sargent, H. B. Sarnoff, David. Sawyer, R. T. Scanlon, J. Leo. Schlaikjer, H. C.	
Lindell, S. I. Lindell, S. I. Lindfors, Onni Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. P Pacent, L. G. Paisley, P. P. Parker, R. D. Parrott, J. A. Parry, J. S.		Sachs, Joseph St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van Sanial, A. J. Sappington, Richard Dorsey Sargent, H. B. Sarnoff, David Sawyer, R. T. Scanlon, J. Leo Schlaikjer, H. C. Schlemmer, O. C.	
Lindell, S. I. Lindfors, Onni. Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew Lyons, L. M.	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†1617 .*709 .407	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. P Pacent, L. G. Parsley, P. P. Parker, R. D. Parrott, J. A. Parry, J. S. Partridge, K. L.	506 710 616 844 1251 +847 305 -614 406 615 -96	Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van. Sanial, A. J. Sappington, Richard Dorsey. Sargent, H. B. Sarnoff, David. Sawyer, R. T. Scanlon, J. Leo. Schlaikjer, H. C. Schlemmer, O. C.	
Lindell, S. I. Lindell, S. I. Lindfors, Onni. Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew Lyons, L. M.	*616 932 *1145 614 503 †408 1150 **504 845 506 846 †617 *709	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. Pacent, L. G. Paisley, P. P. Parker, R. D. Parrott, J. A. Parry, J. S. Pattridge, K. L. Patton, H. S. Pearce, Sir Standen Leonard.		Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samwels, M. M. Sanford, F. E. Sanford, Russell Van Sanial, A. J. Sappington, Richard Dorsey Sargent, H. B. Sarnoff, David. Sawyer, R. T. Scanlon, J. Leo. Schlaikjer, H. C. Schlemmer, O. C. Schmitt, H. M. Schneider, Frederick William.	
Lindell, S. I. Lindell, S. I. Lindfors, Onni. Lingal, Harry John Linville, T. M. Lisberger, S. J. Little, John James Liversidge, H. P. Logan, H. L. Long, M. B. Lott, H. A. Loughty, W. B. Lowe, Robert E. Luckiesh, Matthew Lyons, L. M. Mace, O. E. MacKichan, K. B. MacNeill, John Bayfield	*616 .932 *1145 .614 .503 .†408 .1150 .*504 .845 .506 .846 .†617 .*709 .407	O'Brien, E. W. O'Conor, D. J., Jr. O'Neill, Owen. Osborne, H. R. Osborne, H. S. O'Sullivan, Frederick A. P Pacent, L. G. Paisley, P. P. Parker, R. D. Parrott, J. A. Parry, J. S. Partridge, K. L. Patton, H. S. Pearce, Sir Standen Leonard. Pearson, E. F.		Sachs, Joseph. St. Clair, W. K. Sammis, A. H. Samuels, M. M. Sanford, F. E. Sanford, Russell Van. Sanial, A. J. Sappington, Richard Dorsey. Sargent, H. B. Sarnoff, David. Sawyer, R. T. Scanlon, J. Leo. Schlaikjer, H. C. Schlemmer, O. C. Schmitt, H. M. Schneider, Frederick William. Schoolfield, H. H. Schroeder, H. H.	
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